



# Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800, Sears Tower  
Chicago, IL 60606

312-454-0400 (voice)  
312-454-0411 (fax)  
[www.chicagoareapanning.org](http://www.chicagoareapanning.org)

## **CMAQ Project Selection Committee Meeting**

**Annotated Agenda**

**November 15, 2007**

**1:00 p.m.**

**Cook County Conference Room  
233 S. Wacker Drive, Suite 800, Sears Tower  
Chicago, Illinois**

Note: the meeting materials can be found at <http://www.chicagoareapanning.org/cmaq/min-cmaq.asp>

### **1.0 Call to Order and Introductions** 1:00 p.m.

Ross Patronsky, Committee Chair

### **2.0 Agenda Changes and Announcements**

### **3.0 FY 2008 CMAQ Program**

#### **3.1 FY 2008 -2012 CMAQ program eligibility status**

Staff will update the committee on the eligibility determination and sponsor notification.

### **4.0 Project Changes**

#### **4.1 Schiller Park – Crystal Creek Ped Bridge and Sidewalk Improvements (TIP ID 04-06-0002)**

The sponsor is withdrawing the project.

#### **4.2 Chicago Transit Authority – Chinatown/Pilsen Summer Shuttle (TIP ID 16-04-0003) and North/South Lake Shore Improvements and Marketing of CTA Service Improvements (TIP ID 16-04-0001)**

The sponsor requests a withdrawal of the second two years of 16-04-0003, and a reprogramming of the funds to 16-04-0001.

#### **4.3 Kane County DOT – Randall Rd from Silver Glen Rd to Red Haw La (TIP ID 09-06-0004) and Randall Rd from Binnie Rd to IL 72 (TIP ID 09-06-0005)**

The sponsor requests a cost increase for the two projects, which are being let jointly.

#### **4.4 North Chicago – IL 137/Sheridan Rd 10th St - 22nd St/MLKing Dr (TIP ID 10-04-0003)**

The sponsor requests a scope change and cost increase.

#### **4.5 CDOT – Bike Transit Connection (TIP ID 01-01-0013)**

The sponsor requests a cost increase.

### **5.0 FY 2009 CMAQ Program**

5.1 FY 2009 CMAQ program development schedule

Staff will present a draft schedule for discussion.

5.2 FY 2009 CMAQ application packet

Staff will present proposed revisions to the application materials for discussion.

**6.0 Project Monitoring**

The status of active project monitoring will be discussed.

**7.0 Other Business**

**8.0 Public Comment**

This is an opportunity for comments from members of the audience. The amount of time available to speak will be at the chair's discretion. It should be noted that the exact time for the public comment period will immediately follow the last item on the agenda.

**9.0 Next Meeting**

The next meeting will be on call.

**10.0 Adjournment**

**CMAQ Project Selection Committee Members:**

\_\_\_\_ Ross Patronsky, Chair

\_\_\_\_ Les Nunes

\_\_\_\_ Jeff Schielke

\_\_\_\_ Martin Buehler

\_\_\_\_ Mark Pitstick

\_\_\_\_ Luann Hamilton

\_\_\_\_ Mike Rogers

**Attending CMAQ Project Selection Committee Meetings at Sears Tower:**

CMAQ Project Selection Committee meetings are public meetings; the public is invited to attend. Passes are available for people attending these meetings at the CMAP offices. If you wish to attend but have not attended meeting regularly, please call or e-mail Doug Ferguson (312-386-8824, dferguson@cmmap.illinois.gov) in advance to be added to the list. For requests or problems on the day of the meeting, please call the CMAP main reception desk at 312-454-0400. A driver's license, state ID, or passport will be required to enter.



# Chicago Metropolitan Agency for Planning

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## Memorandum

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To: CMAQ Project Selection Committee  
From: Doug Ferguson, Associate Planner  
Subject: CMAQ Project Change Requests  
Date: November 9, 2007; revised November 12, 2007

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Five sponsors have requested project changes. The net change in the federal amount programmed resulting from the requests is \$926,615. The sponsors' requests are attached.

### **Schiller Park – Crystal Creek Ped Bridge and Sidewalk Improvements (TIP ID 04-06-0002)**

The sponsor is withdrawing the project, which was programmed in 2006 for \$137,200 federal.

A combination of factors, including increased costs and the availability of an alternative pedestrian facility, lead to the withdrawal. These factors are detailed in their letter.

### **Recommendation to the CMAQ Project Selection Committee:**

- **Accept the withdrawal of Schiller Park – Crystal Creek Ped Bridge and Sidewalk Improvements (TIP ID 04-06-0002), in the amount of \$137,200 federal.**

### **Chicago Transit Authority – Chinatown/Pilsen Summer Shuttle (TIP ID 16-04-0003) and North/South Lake Shore Improvements and Marketing of CTA Service Improvements (TIP ID 16-04-0001)**

The sponsor is withdrawing the Chinatown/Pilsen Summer Shuttle (TIP ID 16-04-0003) project, which was programmed for \$125,238 federal for the second and third years of operation. The full project was included in the FY 2004, 2005 and 2006 CMAQ programs.

The local supporters of the service were unable to provide the local match following the first year of operation. As a result, CTA has discontinued the service.

To facilitate use of the funds (which are in an FTA grant), CTA is requesting that they be applied to the North/South Lake Shore Improvements and Marketing of CTA Service Improvements (TIP ID 16-04-0001) project. This project was also included in the FY 2004, 2005 and 2006 CMAQ programs for a total of \$7,680,000 federal. These improvements are still in operation.

**Recommendation to the CMAQ Project Selection Committee:**

- **Accept the withdrawal of the Chinatown/Pilsen Summer Shuttle (TIP ID 16-04-0003) project for \$125,238 federal.**
- **Consider approving the application of the withdrawn funds to North/South Lake Shore Improvements and Marketing of CTA Service Improvements (TIP ID 16-04-0001), in the amount of \$125,238 federal for a total federal cost of \$7,805,238.**

**Kane County DOT – Randall Rd from Silver Glen Rd to Red Haw La (TIP ID 09-06-0004) and Randall Rd from Binnie Rd to IL 72 (TIP ID 09-06-0005)**

The sponsor is requesting a cost increase for the subject projects which are being let jointly. The two interconnects were originally approved in the FY 2006 CMAQ program for a combined total of \$891,160 federal (\$1,113,950 total).

As indicated in the request letter, technology changes and the inclusion of a signal inadvertently omitted from the application have resulted in the increased cost.

A re-analysis of the cost per ton of volatile organic compounds eliminated shows that the combined projects would have ranked 4<sup>th</sup> in 2004, and would rank 7<sup>th</sup> with the cost increase. The three projects that would now rank higher than the combined project were all funded in FY 2006.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the cost increase for Kane County DOT – Randall Rd from Silver Glen Rd to Red Haw La (TIP ID 09-06-0004) and Randall Rd from Binnie Rd to IL 72 (TIP ID 09-06-0005), in the amount of \$433,201 federal for a combined CMAQ funding of \$1,334,361 federal (\$1,667,951 total).**

**North Chicago – IL 137/Sheridan Rd 10th St - 22nd St/MLKing Dr (TIP ID 10-04-0003)**

The sponsor is requesting a scope change and cost increase for the subject project. This project was initially approved in the FY 2004 CMAQ program for \$895,000 federal

(\$1,119,000 total). The initial scope was for a 1.5-mile segment of IL 137/Sheridan Rd within the limits of North Chicago (10<sup>th</sup> St is the North Chicago/Waukegan border).

Waukegan approached North Chicago requesting that two additional signals in Waukegan be included in the project. North Chicago is agreeable to this, as are IDOT and Lake County DOT. The additional signals will result in a 2.6-mile segment being interconnected. The additional cost for the revised scope is \$275,517 total (\$220,615 federal). IDOT will be funding the cost of upgrading the two signals in Waukegan.

The project as revised was reranked against other FY 2004 signal interconnects. As the attached analysis shows, the rank actually improved from 26<sup>th</sup> to 21<sup>st</sup>.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the cost increase and scope change for North Chicago – IL 137/Sheridan Rd 10th St - 22nd St/MLKing Dr (TIP ID 10-04-0003), extending the northern limit to 120/Belvidere, and increasing the cost in the amount of \$220,614 federal for total CMAQ funding of \$1,115,614 federal (\$1,394,517 total).**

**CDOT – Bike Transit Connection (TIP ID 01-01-0013)**

The sponsor is requesting a cost increase of \$400,000 federal (\$500,000 total).

The project was programmed in 2001 for \$540,000 federal (\$675,000 total). In 2005 the project was granted a cost increase for increases in material costs. The bid opening for this project resulted in a higher cost than is currently funded.

The project's benefit ranking was re-evaluated. With the cost increase, the cost per ton of VOC eliminated increased from \$113,595 to \$195,318; its rank was unchanged.

**Recommendation to the CMAQ Project Selection Committee:**

- **Consider approving the cost increase for CDOT – Bike Transit Connection (TIP ID 01-01-0013), in the amount of \$400,000 federal for total CMAQ funding of \$956,000 federal (\$1,195,000 total).**

PRESIDENT  
ANNA MONTANA

CLERK  
CLAUDIA L. IRSUTO

TRUSTEES  
LAWRENCE FRITZ  
ANTHONY CLEMENTI  
RICHARD W. DESECKI

TRUSTEES  
ANGELO S. PASSIALIS  
CATHERINE GORZYNSKI  
RODNEY TOLE



*SMALL TOWN FEEL WITH A WORLD AT ITS TOUCH*  
October 26, 2007

Ms. Tara Fifer  
Associate Analyst  
Chicago Metropolitan Agency for Planning  
233 South Wacker Drive  
Suite 800, Sears Tower  
Chicago, IL 60606



9526 WEST IRVING PARK ROAD  
SCHILLER PARK, ILLINOIS 60176-1984  
TELEPHONE 847 678-2550  
FAX 847 671-3564

Re: Village of Schiller Park  
Crystal Creek Ped. Bridge and Sidewalk Improvements

0A 060002

Dear Ms. Fifer:

We have prepared this correspondence to provide a status report on the above referenced project. Our original understanding for the project was that no Phase I Report would be required or at the most a small-scale report would be necessary. However, in discussions with IDOT during the kick-off meeting for the project, they indicated the fact that since the proposed bridge and appurtenant work would take place within the floodway as it is currently mapped, a very detailed hydraulic study would need to be undertaken as part of a Phase I. The Village would be responsible for the cost of the Phase I Report and hydraulic study. It is estimated that the cost of the Phase I Report, including the hydraulic study, would be \$55,000.

The Village also recently completed some roadway improvements within the area, which will allow the Village to install a sidewalk adjacent to 25<sup>th</sup> Avenue as it crosses Crystal Creek. This sidewalk will allow pedestrians to cross Crystal Creek, which would eliminate the need for the pedestrian bridge. The Village has also been able to secure different funding for the remaining sidewalk along 25<sup>th</sup> Avenue that was to be included with the pedestrian bridge project.

The combination of these factors has led the Village of Schiller Park to formally request that the above referenced project be cancelled. No federal money has been spent on this project to date.

If you should have any questions, please feel free to contact me.

Sincerely,

VILLAGE OF SCHILLER PARK

Kevin S. Barr  
Village Manager

Cc: Mr. James Goumas, Edwin Hancock Engineering Co.

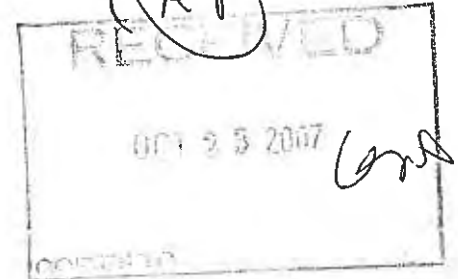


CHICAGO TRANSIT AUTHORITY

567 West Lake Street  
Chicago, Illinois 60661-1498  
TEL 312 664-7200  
www.transitchicago.com

October 19, 2007

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Metropolitan Agency for Planning  
233 S. Wacker Drive, Suite 800  
Chicago, IL 60606



Re: Transfer of funds from  
Chinatown/Pilsen Shuttle to North/South  
Lake Shore Improvements & Marketing  
of CTA Service Improvements

Dear Mr. Patronsky:

The CTA is proposing a transfer of CMAQ funds from the project Chinatown/Pilsen Shuttle to the project North/South Lake Shore Improvements & Marketing of CTA Service Improvements.

- Chinatown/Pilsen Shuttle - Year 2 - 20723 (16-04-0001<sup>3</sup>) funded in FY 2005 transfer balance of \$46,014 to 29371 (16-04-0001) North/South Lake Shore Improvements & Marketing of CTA Service Improvements - Year 2;
- Chinatown/Pilsen Shuttle Year 3 - 20724 (16-04-0001<sup>2</sup>) funded in FY 2006 transfer balance of \$81,158 to 20723 (16-04-0001) North/South Lake Shore Improvements & Marketing of CTA Service Improvements - Year 3;

Because the Chinatown Chamber of Commerce and the Latino Information Center has been unable to provide supplemental funding for the Chinatown/Pilsen Shuttle for the summers of 2006 and 2007 CTA was unable to continue the Chinatown/Pilsen Shuttle. CTA requests a transfer of funds to the North/South Lake Shore Improvements & Marketing of CTA Service Improvements project.

If you have any questions, please contact Mike Connelly at 312-681-3452 or Laura Fedak at 312-681-3480.

Sincerely,

Paul F. Fish

Vice President,  
Capital Investment



# KANE COUNTY

## DIVISION of TRANSPORTATION

Carl Schoedel, P.E.  
Director of Transportation  
County Engineer



41W011 Burlington Road  
St. Charles, IL 60175  
Phone: (630) 584-1170  
Fax: (630) 584-5265

November 7, 2007

Mr. Ross Patronsky  
Chief of CMAQ Program  
Chicago Metropolitan Agency for Planning  
233 South Wacker Drive, Suite 800  
Chicago, IL 60606

RE: Randall Road Interconnect; Silver Glen Rd to Red Haw Ln and Binnie Rd to IL 72  
Request for Increase in CMAQ Funds and  
Request to Combine TIP ID numbers  
TIP ID Number 09-06-0004 and 09-06-0005

Dear Mr. Patronsky:

The Kane County Division of Transportation (KDOT) was awarded \$891,160 in CMAQ funding for Fiscal Year 2007 for the engineering and construction of the above referenced signal interconnect improvement. KDOT is requesting \$443,201 in additional CMAQ funds for the completion of the project, for a new total of \$1,334,361 of CMAQ funds.

In 2005, the estimated total cost for engineering and construction was \$1,113,950. This original estimate was very preliminary, and new technology developments have resulted in changes to the project's total cost. Currently Kane County is pursuing the creation of an ethernet based virtual traffic management center that will allow for the monitoring and control of our system from an internet based program. In order for the Randall Road Interconnect project to be compatible with the new ethernet based virtual traffic management center significant upgrades are required at 26 of the 28 intersections in the design corridor, resulting in \$265,388 of additional construction costs.

Also, the original cost estimate from 2005 omitted a proposed permanent signal at one intersection, Crane Road at Randall Road. This accounts for \$275,000 in increased construction costs. Including a new traffic signal at this intersection is integral to attaining the goal of the Randall Road Interconnect project. Once complete, this improvement will increase the safety and capacity of a vital artery for industrial, commercial and residential traffic within Kane County. The revised estimated total cost for engineering and construction is \$1,667,951. (See Exhibit A attached.)

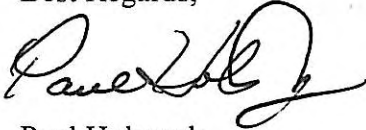
Due to budgetary restrictions, it will be difficult for KDOT to proceed to construction without additional CMAQ funds. The Randall Road Interconnect is an important safety and capacity improvement to a Strategic Regional Arterial, and we encourage the CMAQ Committee to support our request for additional funds.



In 2005 when these two projects were initiated their applications were submitted simultaneously. Since both sections were approved we selected a single firm to prepare a single set of plans that would cover both segments. At this time we would like to request a single combined TIP ID number that would encompass both limits along Randall Road.

If you have any questions or require additional information, please contact me at 630-406-7333.

Best Regards,

A handwritten signature in black ink, appearing to read "Paul Holcomb", with a stylized flourish at the end.

Paul Holcomb  
Chief of Design

c: file  
Steve Coffinbargar  
Holly Smith  
Enclosures

**Randall Road Interconnect**  
**Silver Glen Road to Red Haw Lane and Binnie Road to IL 72**

Original Project Costs per January 10, 2005 CMAQ Application

Task	Total	CMAQ (80%)	KDOT (20%)
Phase II Engineering	\$82,053.50	\$65,642.80	\$16,410.70
Phase III Engineering	\$89,000.00	\$71,200.00	\$17,800.00
Construction	\$942,896.50	\$754,317.20	\$188,579.30
Total	\$1,113,950.00	\$891,160.00	\$222,790.00

Revised Project costs

Task	Total	CMAQ (80%)	KDOT (20%)
Phase II Engineering	\$90,276.22	\$72,220.98	\$18,055.24
Phase III Engineering	\$94,390.80	\$75,512.64	\$18,878.16
Construction	\$1,483,284.00	\$1,186,627.20	\$296,656.80
Total	\$1,667,951.02	\$1,334,360.82	\$333,590.20

Additional CMAP funds requested

**\$443,200.82**

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: 09-06-0004, 09-06-0005

Description: Randall Rd from Silver Glen Rd to Red Haw La  
Randall Rd from Binnie Rd to IL 72

### Ranking Computation

	2006 Awards	2007 Request
Tons VOC eliminated	9.2319	9.2319
Cost	\$ 1,113,950	\$ 1,667,951
\$/Ton VOC eliminated	\$ 120,663	\$ 180,672
Rank	4	7

### Project Expenses

	Federal Share	Total	Federal %	Basis
2006 Awards	\$ 891,160	\$ 1,113,950	80.0%	Approved Projects
2007 Request	\$ 1,334,361	\$ 1,667,951	80.0%	Letter from Sponsor
Increase Amount	\$ 443,201	\$ 554,001		

Note:

The projects were originally ranked 2nd and 9th. The combined project would have ranked 4th.

**FY 2006 CMAQ Program**

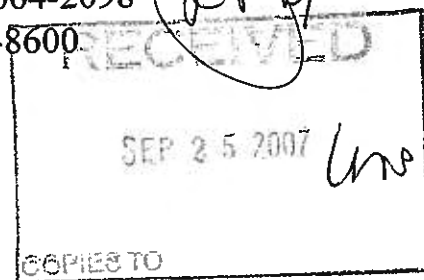
ID	Facility to be Improved	Total \$	Fed \$	\$/Ton Voc	Select
<b>Signal Interconnect</b>					
SI04062509	IDOT-IL 171/Cumberland Ave from Fullerton Ave to Foster Ave	\$392,679	\$314,143	\$49,091	\$314,143
SI09062532	Kane County DOT-Randall Rd from Red Haw La to Silver Glen Rd	\$559,390	\$447,510	\$86,149	\$447,510
SI12062530	Joliet-Essington Rd from Hennepin Dr to US-52/Jefferson St	\$520,000	\$416,000	\$88,148	\$416,000
SI10062499	IDOT-US 41/Skokie Hwy from Amhurst Pwy to IL 137	\$442,980	\$354,384	\$115,985	
<b>Combined projects</b>		<b>\$1,113,950</b>	<b>\$891,160</b>	<b>\$120,663</b>	<b>\$891,160</b>
SI08062504	IDOT-IL 83/Robert Kingery Hwy from Central Rd to Bluff Rd	\$488,060	\$390,448	\$171,921	\$390,448
SI04062531	Oak Park-Chicago Ave from Marion St to Ridgeland Ave	\$227,300	\$181,840	\$174,952	\$181,840
SI10062503	IDOT-IL 43/Waukegan Rd from Half Day Rd to Deerfield Rd	\$388,700	\$310,960	\$175,129	\$310,960
<b>Combined projects with cost increase</b>		<b>\$1,667,951</b>	<b>\$1,334,361</b>	<b>\$180,672</b>	
SI01062511	CDOT-Congress Parkway ITS Smart Corridor	\$3,688,000	\$2,950,400	\$190,138	\$2,950,400
SI09062616	Kane County DOT-Randall Rd from IL 72 to Binnie Rd	\$554,560	\$443,650	\$202,498	\$443,650
SI06062507	IDOT-State St from Illinois St to 127th St	\$427,248	\$341,798	\$228,453	\$341,798
SI10062528	Lake County DOT-Highland Park Interconnect	\$2,243,000	\$1,794,000	\$245,661	\$164,000
	Waukegan-IL 132/Grand Ave from IL 131/Green Bay Rd to IL 137/Sheridan Rd	\$1,600,000	\$1,280,000	\$274,914	
SI10062527					
	IDOT-IL 83/Antioch Rd from Washington St to Shorewood (Change to Rollins - add 200K)	\$551,624	\$481,299	\$293,083	
SI10062505					
SI06062508	IDOT-IL 171/IL 83/Calumet Sag Rd from IL 83/Robert Kingery Hwy to Bell Rd	\$553,380	\$442,704	\$297,382	\$442,704
SI01062515	CDOT-Stony Island Ave from Midway Plaisance to US 12/US 20/95th St	\$475,000	\$380,000	\$324,790	\$380,000
SI10062526	Waukegan-Lewis Ave from 14th St to Yorkhouse Rd	\$2,500,000	\$2,000,000	\$333,196	
SI01062521	CDOT-87th St from Western Ave to I-94/Dan Ryan Ewy	\$2,087,500	\$1,670,000	\$351,700	\$1,670,000
SI12062506	IDOT-US 6/Channahon Rd from McClintock to Caterpillar	\$500,000	\$400,000	\$358,864	
SI01062517	CDOT-Broadway Ave and Sheridan Rd from Devon Ave to Hollywood Ave	\$4,550,000	\$3,640,000	\$374,521	
SI01062520	CDOT-IL 50/Cicero Ave from US 14/Peterson Ave to Lexington Ave	\$9,525,000	\$7,620,000	\$471,108	
SI01062519	CDOT-Roosevelt Rd from Western Ave to US-41/Lake Shore Dr	\$5,270,000	\$4,216,000	\$505,177	
SI01062524	CDOT-US 12/US 20/95th St from Western Ave to US 41/Ewing Ave	\$5,450,000	\$4,360,000	\$541,475	\$4,360,000
SI07062502	IDOT-IL 50/Cicero Ave from 167th St to Fieldcrest	\$234,000	\$187,200	\$612,554	
SI10062529	Lake County DOT-Washington St from Teske Blv to Sheridan Rd	\$2,716,000	\$2,173,000	\$658,058	\$2,173,000
SI01062514	CDOT-87th St from I-94/Dan Ryan Ewy to I-90/Chicago Skyway	\$345,000	\$276,000	\$714,051	
SI07062501	IDOT-IL 83/147th Street from Homan Ave to Western Ave	\$1,585,000	\$1,268,000	\$721,270	
SI01062516	CDOT-IL-64/North Ave from Menard St to Ashland Ave	\$785,000	\$628,000	\$745,232	
SI01062513	CDOT-79th St from IL 50/Cicero Ave to Ashland Ave	\$490,000	\$392,000	\$875,655	
SI10062510	IDOT-IL 120/Belvidere Rd from IL 134/Main St to Hainesville Rd	\$173,075	\$138,460	\$1,044,388	
SI07062500	IDOT-142nd Street (Main Street) from Indiana Ave to Cottage Grove	\$1,062,000	\$849,600	\$1,045,190	
SI01062512	CDOT-Michigan Ave and Indiana Ave from 31st St to 63rd St	790000	632000	1506160.447	
SI10062498	IDOT-US 45 from Grass Lake Rd to Milburn Rd	163875	131000	2044156.105	



# City of North Chicago

1850 Lewis Avenue  
North Chicago, Illinois 60064-2098  
Main Phone (847) 596-8600

September 20, 2007



**Police / Fire /  
Ambulance  
Emergency** 911

**Mayor**  
Phone 847.596.8610  
Fax 847.596.8619

**City Clerk**  
Phone 847.596.8680  
Fax 847.596.8689

**City Treasurer**  
Phone 847.596.8628  
Fax 847.596.8039

**City Administrator**  
Phone 847.596.8640  
Fax 847.596.8649

**Human Resources**  
Phone 847.596.8645  
Fax 847.596.8649

**Comptroller's Office**  
Phone 847.596.8620  
Fax 847.596.8639

**Payment Center**  
Phone 847.596.8625  
Fax 847.596.8639

**Building / Health**  
Phone 847.596.8650  
Fax 847.596.8669

**Community  
Development**  
Phone 847.596.8670  
Fax 847.596.8679

**Engineering Department**  
Phone 847.596.8690  
Fax 847.596.8679

**Street Department**  
Phone 847.578.7774  
Fax 847.473.5146

**Water Department**  
Phone 847.578.7780  
Fax 847.578.1242

**Fire Administration**  
Phone 847.596.8780  
Fax 847.596.8799

**Police Administration**  
Phone 847.596.8710  
Fax 847.596.8729

Mr. Ross Patronskey  
Chicago Metropolitan Agency for Planning  
233 S. Wacker Drive, Suite 800  
Chicago, Illinois 60606

**Subject: IL 137 (Sheridan Road) Traffic Signal Interconnect Improvement  
Martin Luther King Drive to 10<sup>th</sup> Street  
CMAQ Project ID SI10040779  
TIP ID 10-04-0003**

Dear Mr. Patronskey:

We support the City of Waukegan's request to add two signalized intersections, IL 137 (Sheridan Road) at South Avenue and IL 137 (Sheridan Road) at South Genesee Street, to the subject North Chicago IL 137 (Sheridan Road) Traffic Signal Interconnect Improvement (Martin Luther King Drive to 10<sup>th</sup> Street). We concur with the potential traffic operational benefits, expressed in Mr. Moore's letter of August 31, 2007 regarding the addition to the project scope. It is our understanding the IL 137 (Sheridan Road) at South Avenue and IL 137 (Sheridan Road) at South Genesee Street traffic signals need to be modernized and may be eligible for safety funding. Furthermore, we support interconnecting the IL 137 (Sheridan Road) traffic signals to the existing IL 120 (Belvidere Street) traffic signal system, providing additional communication benefits with Lake County's PASSAGE network and Traffic Management Center.

Since the traffic signals on IL 137 (Sheridan Road) are under the jurisdiction of the Illinois Department of Transportation (IDOT), we have copied you on a separate letter requesting IDOT's approval for the expanded traffic signal interconnect. A preliminary construction cost estimate is included for your information. If you have questions or require additional information, please contact me at (847) 596-8691. Thank you for your assistance in this matter.

Sincerely,

Bruce Burris  
City Engineer

Cc: John Moore, City Engineer, City of Waukegan  
Steve Travia, Bureau Chief of Traffic, IDOT  
Susan Palmer, Area Programmer-Bureau of Programming, IDOT  
Martin G. Buehler, Director of Transportation/County Engineer, Lake County DOT

**IL 137 (Sheridan Road) Traffic Signal Interconnect Improvement****CMAQ Project ID SI10040779****TIP ID 10-04-0003****Preliminary Construction Cost Estimate for Additional Work****City of Waukegan Traffic Signal Interconnect**

ITEM NUMBER	ITEMS	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
<b>TRAFFIC SIGNAL INTERCONNECT, IL 137 (SHERIDAN RD) - 10TH ST to IL 120 (BELVIDERE)</b>					
	FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F	FOOT	5600	\$ 3.25	\$ 18,200.00
	ELECTRIC CABLE IN CONDUIT TRACER 14 1C	FOOT	5600	\$ 2.00	\$ 11,200.00
	TRANSCEIVER-FIBER OPTIC	EACH	2	\$ 3,000.00	\$ 6,000.00
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, 14, 1PAIR	FOOT	700	\$ 3.00	\$ 2,100.00
	INDUCTIVE LOOP DETECTOR	EACH	4	\$ 300.00	\$ 1,200.00
	DRILL EXISTING HANDHOLE	EACH	4	\$ 300.00	\$ 1,200.00
	HANDHOLE	EACH	8	\$ 1,500.00	\$ 12,000.00
	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2500	\$ 2.50	\$ 6,250.00
	MAINTENANCE OF EXISTING TRAFFIC SIGNALS	EACH	3	\$ 1,500.00	\$ 4,500.00
	CONDUIT PUSHED, 2" DIAMETER, GALVANIZED STEEL	FOOT	2500	\$ 26.00	\$ 65,000.00
	CONDUIT IN TRENCH, 2" DIAMETER, GALVANIZED STEEL	FOOT	2500	\$ 20.00	\$ 50,000.00
	OPTIMIZE TRAFFIC SIGNAL SYSTEM	L. SUM	1	\$ 12,000.00	\$ 12,000.00
	MOBILIZATION	L. SUM	1	\$ 5,000.00	\$ 5,000.00
	TRAFFIC CONTROL AND PROTECTION	L SUM	1	\$ 5,000.00	\$ 5,000.00
	<b>Subtotal</b>				<b>\$ 199,650.00</b>
	<hr/>				
	Construction Contingency 15%				
					\$29,947.50
	<hr/>				
	<b>Total Construction Cost</b>				
					\$229,597.50
	<hr/>				
	<b>Phase II Engineering (10%)</b>				
					\$22,959.75
	<hr/>				
	<b>Phase III Engineering (10%)</b>				
					\$22,959.75
	<hr/>				
	<b>Construction &amp; Engineering Total</b>				
					<b>\$275,517.00</b>

Project Length = 1.1 MILE



**Martin G. Buehler, P.E.**  
Director of Transportation/County Engineer

**Illinois Route 137 (Sheridan Road) Traffic Signal Interconnect Improvement  
From Martin Luther King Drive to 10<sup>th</sup> Street  
CMAQ Project ID SI10040779  
TIP ID 10-04-0003**

600 West Winchester Road  
Libertyville, Illinois 60048-1381  
Phone 847 362 3950  
Fax 847 362 5290

September 25, 2007



Mr. Ross Patronsky  
Senior Planner  
Programming and Operations  
Chicago Metropolitan Agency for Planning  
233 S. Wacker Drive, Suite 800  
Chicago, Illinois 60606

Dear Mr. Patronsky:

The Lake County Division of Transportation supports the City of Waukegan's request to add two signalized intersections, Illinois Route 137 (Sheridan Road) at South Avenue and Illinois Route 137 (Sheridan Road) at South Genesee Street, to the subject North Chicago Illinois Route 137 (Sheridan Road) Traffic Signal Interconnect Improvement, from Martin Luther King Drive to 10<sup>th</sup> Street.

We concur with the potential traffic operational benefits, expressed in the correspondence from John Moore, City of Waukegan, dated August 31, 2007 to your attention, regarding the addition to the project scope. It is our understanding the Illinois Route 137 (Sheridan Road) at South Avenue and Illinois Route 137 (Sheridan Road) at South Genesee Street traffic signals need to be modernized and may be eligible for safety funding.

Furthermore, we support interconnecting the Illinois Route 137 (Sheridan Road) traffic signals to the existing Illinois Route 120 (Belvidere Street) traffic signal system, providing additional communication benefits with Lake County's PASSAGE network and Traffic Management Center.

If you have questions or require additional information, please contact me at (847) 362-3950. Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in black ink that reads "Martin G. Buehler".

Martin G. Buehler, P.E.  
Director of Transportation/County Engineer

MGB:mam

Cc: John H. Moore, P.E., City Engineer, City of Waukegan  
Bruce Burris, P.E., City Engineer, City of North Chicago  
Stephen M. Travia, P.E., Bureau Chief of Traffic, Illinois Department of Transportation  
Susan Palmer, Area Programmer-Bureau of Programming, Illinois Department of Transportation





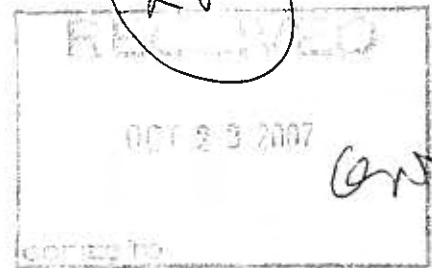
# Illinois Department of Transportation

Division of Highways/Region One / District One  
201 West Center Court/Schaumburg, Illinois 60196-1096

Re: IL Rte 137 (Sheridan Road) Traffic Signal Interconnect Improvement

October 15, 2007

Mr. Bruce Burris  
City Engineer  
City of North Chicago  
1850 Lewis Avenue  
North Chicago, IL 60064-2098



Mr. Burris:

This is in response to your letter dated September 20, 2007 concerning traffic signal interconnect on IL Rte 137 (Sheridan Road). We have a safety project currently scheduled for a March 2008 letting that includes reconstruction of the existing traffic signal at South Avenue, installation of LED type signal heads with a new controller at Genesee Street and a short section of pavement resurfacing at these intersections. Interconnecting South Avenue and Genesee Street was not included in the funding of this project and therefore not part of the scope of work.

We agree that interconnecting South Avenue and Genesee Street to the proposed North Chicago traffic signal interconnect project on IL Rte 137 (Sheridan Road) from Martin Luther King Drive to 10<sup>th</sup> Street would be beneficial. Our current CMAQ program does not include this work, but we suggest the local agencies consider extending the proposed locally initiated CMAQ interconnect project on IL Rte 137 to the north or that Lake County include the interconnect work in their traffic management system program.

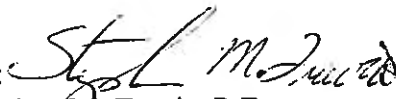
Anticipating that South Avenue and Genesee Street will be part of a future traffic signal interconnect system, we will specify Econolite controllers at both intersections in our safety project to assure coordination with the proposed North Chicago system to the south. We will also stub out conduits from our far-out handholes for future raceway connections. Once our traffic signal plans are complete we will forward copies for your reference.

Mr. Bruce Burns  
October 15, 2007  
Page 2

If you have any questions or needed addition information, please contact  
Lisa Heaven-Baum, Traffic Programs Engineer, at 847/705-4158.

Very truly yours,

Diane M. O'Keefe, P.E.  
Deputy Director of Highways,  
Region One Engineer

By:   
Stephen M. Travia, P.E.  
Bureau Chief of Traffic

cc: Martin Buehler, Director of Transportation, Lake County DOT  
John Moore, City Engineer, City of Waukegan  
Ross Patronsky, Chicago Metropolitan Agency for Planning ✓



**City of Waukegan**

100 N. Martin Luther King, Jr. Avenue  
Waukegan, Illinois 60085  
www.waukeganweb.net  
(847) 599-2500

**Richard H. Hyde, Mayor**  
**Wayne Motley, City Clerk**  
**Patrick M. Dutcher, Treasurer**

August 31, 2007

Mr. Ross Patronskey  
Chicago Metropolitan Agency for Planning  
233 S. Wacker Drive, Suite 800  
Chicago, Illinois 60606

**Subject: IL 137 (Sheridan Road) Traffic Signal Interconnect Improvement**  
**Martin Luther King Drive to 10<sup>th</sup> Street**  
**CMAQ Project ID SI10040779**  
**TIP ID 10-04-0003**

Dear Mr. Patronskey:

The City of Waukegan is interested in adding two signalized intersections, IL 137 (Sheridan Road) at South Avenue and South Genesee Street, to the subject North Chicago IL 137 (Sheridan Road) Traffic Signal Interconnect Improvement (Martin Luther King Drive to 10<sup>th</sup> Street).

The two signalized intersections are just north of the Waukegan/North Chicago city limit at 10<sup>th</sup> Street and are the remaining two traffic signals on IL 137 (Sheridan), before the Amstutz Expressway. The existing traffic signal hardware is dated and is in need of modernization for both intersections.

Regarding traffic flow efficiency and safety on IL 137 (Sheridan Road), a scope change to include the modernization and interconnection of the IL 137 (Sheridan Road) at South Avenue and South Genesee Street traffic signals, to the subject North Chicago CMAQ project, is rational. It will interconnect the remaining two traffic signals along Sheridan Road.

If you have questions or require additional information, please contact me at (847) 625-6858. Thank you for your assistance in this matter.

Sincerely,

John H. Moore, P.E.  
City Engineer

**Cc: Bruce Burris, City Engineer, City of North Chicago**  
**Steve Travia, Bureau Chief of Traffic, IDOT**  
**Susan Palmer, Area Programmer-Bureau of Programming, IDOT**

JHM:mss

# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: 10-04-0003

Description: IL 137/Sheridan Rd 10th St - 22nd St/MLKing Dr  
(adding 120/Belvidere to 10th St)

### Ranking Computation

	2004 Approved	2007 Request
Tons VOC eliminated	5.9004	10.2273
Cost	\$ 1,119,000	\$ 1,394,517
\$/Ton VOC eliminated	\$ 189,649	\$ 136,352
Rank	26	21

### Project Expenses

	Federal Share	Total	Federal %	Basis
2004 Approved	\$ 895,000	\$ 1,119,000	80.0%	Approved Projects
2007 Request	\$ 1,115,614	\$ 1,394,517	80.0%	Letter from Sponsor
Increase Amount	\$ 220,614	\$ 275,517		

**FY 2006 CMAQ Program**

ID	Facility to be Improved	Total \$	Fed \$	\$/Ton Voc	Select
<b>Signal Interconnect</b>					
1 SI09041016	Kirk Rd from IL 64 to Pine St	\$712,400	\$569,900	\$37,832	\$569,900
2 SI11040966	IL 31 from Edgewood Dr to Rakow Rd and Algonquin Rd from Western Bypass to I	\$395,000	\$316,000	\$40,636	\$316,000
3 SI08041113	Naper Blvd from Dunrobin Rd to Hobson Rd	\$20,000	\$16,000	\$47,104	\$16,000
4 SI04040788	Madison St from Wisconsin Ave to Lombard Ave	\$336,000	\$268,800	\$47,298	\$268,800
5 SI08041078	Cermak Rd/22nd St from McDonalds Dr to York Rd	\$200,000	\$160,000	\$51,831	\$160,000
6 SI08041066	IL 59/Ingallton Rd from Army Trail Rd to Smith Rd	\$150,000	\$120,000	\$53,313	\$120,000
7 SI09040768	IL31/Lake St from Indian Trail Rd to Gale St	\$477,600	\$382,080	\$61,166	
8 SI02041080	Oakton St from River Dr to Gross Point Rd	\$250,000	\$200,000	\$69,075	\$200,000
9 SI03041046	US 12/Rand Rd from Camp McDonald Rd to IL 83/ Elmhurst Rd and Willow Rd	\$700,000	\$560,000	\$71,438	\$560,000
10 SI03041059	IL 21/Milwaukee Ave from Main St to Oakton St	\$150,000	\$120,000	\$77,256	\$120,000
11 SI09040771	Galena Blvd from Orchard Rd to Locust St	\$519,360	\$415,488	\$85,414	
12 SI01041132	Cicero Ave Signal Interconnect from Peterson Ave to Lexington Ave	\$560,000	\$448,000	\$92,424	\$448,000
13 SI03041064	IL 59/Hough St from Hillside Ave to Barrington Rd	\$115,000	\$92,000	\$98,546	\$92,000
14 SI01041128	Signal Conduit Advance Installation	\$6,367,680	\$5,094,144	\$99,025	
15 SI02040894	Chicago Ave from Grove St to South Blvd	\$1,047,380	\$714,704	\$105,576	\$714,704
16 SI01041130	95th St Signal Interconnect from Western Ave to US 41/Ewing Ave	\$530,000	\$424,000	\$107,438	\$424,000
17 SI01041137	87th St Signal Interconnect from Western Ave to I-94/Dan Ryan Ewy	\$250,000	\$200,000	\$108,802	\$200,000
18 SI01041126	Sheridan Rd Signal Interconnect Juneway Ter to Hollywood Ave	\$260,000	\$208,000	\$123,353	
19 SI09040775	IL 25/Broadway Ave from Illinois Ave to Benton St	\$416,880	\$333,504	\$125,207	
20 SI01041175	Archer Ave and 55th St Smart Corridor	\$350,000	\$280,000	\$129,528	
<b>Project with revised scope and cost</b>		<b>\$1,394,517</b>	<b>\$1,115,614</b>	<b>\$136,352</b>	
21 SI06040994	Calumet Sag Road from IL 50/Cicero Ave to 135th St	\$209,205	\$167,364	\$138,025	
22 SI04041074	31st St from Wolf Rd to Prairie Ave	\$780,000	\$624,000	\$157,254	\$624,000
23 SI01041135	North Ave Signal Interconnect from Menard St to Ashland Ave	\$490,000	\$392,000	\$160,436	
24 SI06041050	US 12 20/95th St from 88th Ave to 96th Ave	\$300,000	\$240,000	\$163,573	\$240,000
25 SI01041181	Midway Airport Corridor signal interconnect	\$990,000	\$792,000	\$174,198	\$792,000
<b>26 SI10040779</b>	<b>IL 137/Sheridan Rd from 10th St to 22nd St/ML King Dr</b>	<b>\$1,119,000</b>	<b>\$895,000</b>	<b>\$189,649</b>	<b>\$895,000</b>
27 SI03041056	US 12 45 Lee/Mannheim from Algonquin Rd to Prospect Ave	\$900,000	\$720,000	\$294,413	\$720,000
28 SI01041124	Near West Side Signals	\$2,915,000	\$2,332,000	\$303,565	\$2,332,000
29 SI12041072	IL 171/Archer Ave from Smith Rd to 143rd St	\$140,000	\$112,000	\$345,259	\$112,000
30 SI07041068	IL 83/147th St from IL 50/Cicero Ave to Pulaski Rd	\$875,000	\$700,000	\$371,400	\$700,000
31 SI07041070	IL 83/147th St from Homan Ave to Western Ave	\$1,585,000	\$1,268,000	\$421,305	
32 SI07041062	IL 50/Cicero Ave from 167th St to Fieldcrest Dr	\$234,000	\$187,200	\$435,419	
33 SI07041076	142nd St/Main St from Indiana Ave to Cottage Grove	\$1,062,000	\$849,600	\$450,765	
34 SI03041053	US 12 45/Des Plaines River Rd from US 12/Rand Rd to Perry St	\$1,800,000	\$1,440,000	\$545,099	
35 SI10041001	Washington St from Sheridan Rd to Great America Dr	\$4,778,000	\$3,823,000	\$560,490	



City of Chicago  
Richard M. Daley, Mayor

Department of Transportation

Thomas G. Byrne  
Commissioner

Luann Hamilton  
Deputy Commissioner

Division of Project Development  
30 North LaSalle Street  
Suite 500  
Chicago, Illinois 60602-2570  
(312) 744-1987  
(312) 744-3958 (FAX)  
[www.cityofchicago.org/transportation](http://www.cityofchicago.org/transportation)

November 13, 2007

Mr. Ross Patronsky  
Chief of the CMAQ Program  
Chicago Area Transportation Study  
300 W. Adams Street  
Chicago, IL 60606

Subject: Cost Increase for Bike to Transit

Dear Mr. Patronsky:

The Chicago Department of Transportation requests to add \$500,000 in CMAQ funds (\$400,000 federal) to the Bike to Transit Project (TIP# 01-01-0013). The project is currently funded at \$695,000 (matched). After no bids were received in February 2007, the project was re-bid and the lower of the two bids was \$469,573 over the engineers estimate, due to inflated costs for construction wage rates, steel and other raw materials, and conditions at one of the four installation sites. The remaining funds are for construction supervision and contingency.

This increase will allow CDOT to utilize an existing bid and initiate construction for a Summer 2008 completion. Due to the difficulty of securing bidders for such a unique project we do not believe a third call for bids on this scope would reduce costs. The only other alternative would be to reduce the scope and rebid, further delaying the project and reducing the air quality benefits.

Thank you for your consideration of this request. If you have further questions you may contact me at 312-744-1987 or Keith Privett at 312/744-1981.

Sincerely yours,

Luann Hamilton  
Deputy Commissioner

cc: Ben Gomberg  
Grant Davis  
Keith Privett

LH:KP



# Chicago Area Transportation Study

## CMAQ Cost Increase Analysis

TIP ID: **01-01-0013**

Description: **Bike Transit Connection**

### Ranking Computation

	2001 Approved	2005 Request	2007 Request
Tons VOC eliminated	6.1182	6.1182	6.1182
Cost	\$ 675,000	\$ 695,000	\$ 1,195,000
\$/Ton VOC eliminated	\$ 110,326	\$ 113,595	\$ 195,318
Rank	2	2	2

### Project Expenses

	Federal Share	Total	Federal %	Basis
2001 Approved	\$ 540,000	\$ 675,000	80.0%	Approved Projects
2005 Request	\$ 556,000	\$ 695,000	80.0%	Approved Increase
2007 Request	\$ 956,000	\$ 1,195,000	80.0%	Letter from Sponsor
Increase Amount	\$ 400,000	\$ 500,000		



**FY 2001 CMAQ Program**

ID			Total \$	Fed \$	\$/Ton Voc	Select
<b>Bike Parking and Bike Encouragement Project</b>						
		<b>Bike Encouragement</b>				
1	BP01B7	CDOT-New Resident/Student Bike Marketing Program	\$ 150,000	\$ 120,000	\$ 504,779	\$ 120,000
		<b>Bike Parking</b>				
1	BP01B6	CDOT-Commuter Bike Parking and Encouragement	\$ 425,000	\$ 340,000	\$ 69,465	\$ 340,000
2	BP01B5	CDOT-Bike Transit Connection	\$ 675,000	\$ 540,000	\$ 110,326	\$ 540,000
Revised Rank - 2005			\$ 695,000	\$ 556,000	\$ ▼ 113,595	
<b>Revised Rank - 2007</b>			<b>\$ 1,195,000</b>	<b>\$ 956,000</b>	<b>\$ ▼ 195,318</b>	



# Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800, Sears Tower  
Chicago, IL 60606

312-454-0400 (voice)  
312-454-0411 (fax)  
[www.cmap.illinois.gov](http://www.cmap.illinois.gov)

## Memorandum

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To: CMAQ Project Selection Committee

From: Tara Fifer, Associate Analyst

Subject: Status of CMAQ Projects with completion years in 2006 or before

Date: November 6, 2007

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In an effort to identify projects that required active management and projects that could be used to evaluate actual program benefits, CMAP staff began in August 2007 acquiring the status of projects with completion years of 2006 or before. There were 112 total projects that had past completion years; 49 of these projects belonged to major sponsors. Major Sponsors and their corresponding number of projects are listed below:

Sponsors	Number of Projects
IDOT	7
CDOT	19
DuPage County DOT	1
Kane County DOT	4
Lake County DOT	4
CTA	5
Metra	4
Pace	5

CMAP has received updates on 104 projects; the status is listed as follows:

Status	Number of Projects
Completed	70
Have Not Been Completed	32
Possible Withdrawals	2

For the 32 projects that have not been completed, the completion schedule is:

Number of Projects	Year
20	2008
7	2009
3	2011
2	No year provided

CMAQ staff is still waiting for the responses from:

- IDOT (Traffic Systems Center: TIP ID 13-98-0018)
- City Of Oak Lawn (Parking and Commuter Transportation: TIP ID 06-05-0003)
- City of Oak Forest (Police Bicycle Patrol Program: TIP ID 07-96-0017)
- Village of Clarendon Hills (Chicago Avenue Sidewalk: TIP ID 08-05-0001)
- Village of North Aurora (Ruby Bikeway: TIP ID 09-05-0005)
- City of McHenry (IL 31 at McCullom Lake Road: TIP ID 11-00-0409)
- Village of Olympia Fields (Metra Station: TIP ID 18-00-0557)
- Village of Western Springs (Station at Hillgrove Avenue: TIP ID 18-03-0506).

## **FY 2009 CMAQ Program Development Schedule**

<b>Monday, December 3, 2007</b>	CMAQ will begin the call for FY 2009 project proposals.
<b>Friday, February 1, 2008</b>	Submission deadline for all FY 2009 project proposals.
<b>February – June 2008</b>	CMAQ will develop FY 2009 project proposal rankings and meet with project sponsors.
<b>June – July, 2008</b>	CMAQ Project Selection Committee meets to select proposed FY 2009 program.
<b>July 25, 2008</b>	Transportation Committee considers releasing the proposed FY 2009 program for public comment.
<b>July 28, 2008</b>	Public comment period on the proposed FY 2009 program begins.
<b>August 26, 2008</b>	Public comment period on the proposed FY 2009 program ends.
<b>September, 2008</b>	CMAQ Project Selection Committee meets to review and respond to comments on the proposed FY 2009 program.
<b>September 26, 2008</b>	Transportation Committee considers the proposed FY 2009 program.
<b>October, 2008</b>	Programming Coordinating Committee considers the proposed FY 2009 program.
<b>October 8, 2008</b>	CMAQ Board considers the proposed FY 2009 program.
<b>October 9, 2008</b>	MPO Policy Committee considers approval of the proposed FY 2009 program.
<b>October – November 2008</b>	Federal determination of FY 2009 projects' eligibility.
<b>November 2008</b>	CMAQ notifies sponsors of project eligibility and funding availability.

Note: For additional information, please call Doug Ferguson of the CMAP staff at (312) 386-8824.



# Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800, Sears Tower  
Chicago, IL 60606

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312-454-0411 (fax)  
[www.chicagoareaplanning.org](http://www.chicagoareaplanning.org)

## Memorandum

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To: CMAQ Project Selection Committee  
From: Ross Patronsky, Senior Planner  
Subject: FY 2009 CMAQ Call for Projects – Instruction and Form Revisions  
Date: November 12, 2007

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The FY 2009 CMAQ instruction booklet and forms will be released shortly. No significant changes are proposed for the instructions or forms, but several minor revisions are planned:

### **Major Investment Studies**

Since Major Investment Studies are not eligible for CMAQ Funding, references to them will be removed. Alternatives Analyses are applicable only to Transit Facility Improvements; forms for other project types will be revised to omit this phase.

### **Project Financing and CMAQ Funding Information**

This section was revised last year to provide more detailed information on multi-year funding. A review of applications submitted showed that many applicants were putting information in twice, confusing the section on CMAQ funding with the section on other funding. For FY 2009, these sections will be combined, so each phase's financing, whether CMAQ or not, will be entered once.

### **Proposals without FY 2009 funding**

The instructions will be revised to make it clear that proposals without CMAQ funding in the year being programmed will not be selected.

### **Proposals with no benefit**

Proposals with no emissions benefits are currently noted as such in the rankings, and the sponsor is sent a letter advising them of this. However, sponsors will sometimes resubmit the same proposal in subsequent years. The instructions will be revised to state that proposals found to have no benefit, or that could not be analyzed and which got a letter in the prior year will not be processed. Proposals that fall into this category will be advised via letter in the Spring that they will not be processed.

### **Soft Match**

The instructions will be revised to note that soft match is generally not acceptable. The FHWA Metro Office will be asked for help with specific language.

### **Commuter Parking Spaces and Fees**

The forms will be revised to include the current number of spaces and fee structure in commuter parking and parking deck applications. These are required when proposals are approved and entered in the TIP; asking for them with the application will save staff time.

### **Traffic Flow Improvement and Bottleneck Elimination Data**

Although the current Input Module Worksheet contains most of the information needed to analyze these types of proposals, applicants do not always complete the entire form, sometimes from a lack of data, sometimes from a lack of care.

In the past, staff have worked with the information available to analyze projects. However, recent discussions with the developer of the simulation software used (CORSIM, part of the TSIS package) have emphasized the need to have complete information. In addition, information on actuated signals is currently not collected, but can have a significant effect on the simulation results.

The instructions will be revised to emphasize to sponsors the need to include complete information, and the Input Module Worksheet will be supplemented to request actuated signal data.

### **Fine Particulate Emissions Benefits**

At the September meeting, staff were asked to add fine particulates to the rankings of CMAQ proposals. Since then, it has been learned that the current model of fine particulate emissions is significantly in error. Specifically, the MOBILE model issued by USEPA does not differentiate between emission rates at different speeds. This is not the case in actual measurements of fine particulate emissions.

Since the emission rates for fine particulates are speed-insensitive, traffic flow improvement, bottleneck eliminations and signal interconnects will not show any benefit. Although rough estimates of benefits for other types of proposals could be made, those aimed at reducing auto travel (bicycle, pedestrian, commuter parking and transit proposals) will not show significant benefits, since fine particulates are overwhelmingly associated with diesel engines.

The next emissions model, known as MOVES, is scheduled for draft release roughly a year from now. This model is expected to model fine particulates in a more realistic fashion. Staff recommends that, until then, only proposals specifically targeted at reducing fine particulate emissions (diesel retrofits, anti-idling measures, locomotive engine replacements) have their fine particulate benefits evaluated.

In addition, proposals targeting diesel emission reductions will be asked for information so that the USEPA emissions calculator can be used to estimate the benefits.

### **Coordinating Air Quality Campaigns**

At the October Transportation Committee meeting, staff were asked to address the issue of coordination among CMAQ proposals for air quality campaigns. For the 2009 applications, promotional and outreach campaigns will be asked to provide more

detailed budgets indicating their planned materials to be developed (e.g., themes, target markets), media buys, and other efforts. They will also be asked to specifically identify similar campaigns and the coordination efforts that have been made prior to application submission.